

PUBLIC SAFETY ELECTRONIC EQUIPMENT TECHNICIAN

GRADE 30

FLSA Status: Non-Exempt

GENERAL DEFINITION OF WORK:

The Electronic Equipment Technician is responsible for the installation, troubleshooting and repair of emergency vehicle systems including two-way radios, sirens, emergency lights, audio hailers and other electronic equipment in public safety vehicles. Position is considered essential personnel.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Performing installation and repair of emergency vehicle equipment.

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Installs mobile radios, license plate readers, laptop docking stations, broadband mobile devices, video, siren controllers and other related emergency communications, transmission and receiving equipment in the Sheriff's Office and the Department of Fire & Rescue vehicles.
- Installs control heads, speakers, sirens, microphones, switches, antennas and light bars in above-named equipment by cutting and drilling holes and bolting equipment in place.
- Use equipment such as multimeters, foot-operated squaring shears, manual folding box brake, manual turret punch, drill press, MIG welder, grinder and acetylene torch; fabricate brackets, covers, and containers to fit various vehicles.
- Remove receivers, transmitters, and related equipment from old or damaged vehicles.
- Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of the methods, tools and equipment used in the installation and repair of emergency vehicle equipment; general knowledge and understanding of automotive electrical wiring and cabling; knowledge and understanding of technical equipment used in the diagnosis and resolution of electrical equipment failure; ability to disassemble and reassemble vehicle interiors to access electrical wiring; ability to use all hand and power tools related to electrical equipment installation; ability to use soldering equipment; ability to interpret and analyze data related to equipment malfunction and failure; ability to establish and maintain effective working relationships with associates.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school, supplemented by course work at a vocational school or community college is preferred; and three years of full time experience performing installation of security, audiovisual, or other electronic equipment into vehicles requiring disassembly and reassembly of vehicle components.

PHYSICAL REQUIREMENTS:

This is heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects, and some very heavy work requiring exertion in excess of 100 pounds occasionally, in excess of 50 pounds of force frequently, and in excess of 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, peripheral vision, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, vibration, hazards, atmospheric conditions, and oils.

SPECIAL REQUIREMENTS:

Possession of an appropriate commercial driver's license valid in the Commonwealth of Virginia.

Confidentiality Statement

I acknowledge and understand that I may have access to confidential information regarding [employees, students, patients, inmates, and the public]. In addition, I acknowledge and understand that I may have access to proprietary or other confidential business information belonging to Fauquier County. Therefore, except as required by law, I agree that I will not:

- Access data that is unrelated to my job duties at Fauquier County.
- Disclose to any other person, or allow any other person to any information related to Fauquier County that is proprietary or confidential and/or pertains to [employees, students, patients, inmates, the public]. Disclosure of information includes, but is not

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limited to, verbal discussions, FAX transmissions, electronic mail messages, voice mail communication, written documentation, "loaning" computer access codes, and/or another transmission or sharing of data.

I understand that Fauquier County and its [employees, students, patients, inmates, the public], staff or others may suffer irreparable harm by disclosure of proprietary or confidential information and that Fauquier County may seek legal remedies available to it should such disclosure occur. Further, I understand that violations of this agreement may result in disciplinary action up to, and including, termination of employment.

I have reviewed my job description with my supervisor and understand the duties assigned to me and the measures to which I will be held accountable.

Date_____

Name_____

Signature_____

Date_____

Supervisor_____

Signature_____

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